

## ABSTRACT

### IMPROVEMENTS IN OR RELATING TO INTERNET ACCESS

Described herein is apparatus and method for implementing location specific congestion control in a transmission control protocol (TCP) connection. The TCP connection extends between an internet connection (12) and one or more mobile terminals (22, 24, 26). Each mobile terminal (22, 24, 26) is connected to a base station (18) which is then connected to the internet connection (12). An enhancer (14) is provided in the TCP connection to divide it into two connections (16, 20) so that congestion control can be implemented in the connection (16) remote from the mobile terminals (22, 24, 26). There is no requirement of congestion control between the base station (18) and the mobile terminals (22, 24, 26) as they comprise point-to-point connections. The enhancer (14) may be co-located with the base station (18).

(Fig. 1)